

file
LP-2264
Approved
2/25

24 February 1966

Dear Joe:

The Contractor is hereby directed to comply with the provisions of Engineering Change Proposals GR-54 and GR-58 pursuant to the "Changes" clause of Contract No. LP-2264.

Wendell

OSA - 0954-66

9. 1 OF 2

21 FEB 1966

Subject: ECPs 46A, 54, and 58, Contract LP-2264

Dear Chuck,

Subject ECPs have been technically approved by the SPO.
Request you give formal approval of these ECPs.

STATINTL

Specific comments regarding each ECP are as follows:

ECP 46A - This revision is only to change the method of identifying the modification. We concur that a new part number is more appropriate.

ECP 54 - This change will also result in easier alignment of the recorder. Therefore, retrofit is desirable, on a low priority basis.

ECP 58 - Although omitted from the ECP, this change will require accompanying maintenance manual and aperture card changes.

Regards,

Ben

STATINTL

Copy:



E-108 (6-65) 7259

GA - 531		ENGINEERING STUDY <input type="checkbox"/>		GR - 54						
DATE 24 January 1966		AFFECTS: GA531 <input type="checkbox"/>		STATINTL						
NAME OF MAJOR COMPONENT Recorder		PART OR LOWEST SUBASSEMBLY Vertical Position and Temperature Control		PART NO. MODEL OR TYPE 531A716-005-103 (old) 531A716-008-101 (new)						
TITLE OF PROPOSAL: Delete Temperature Control										
NATURE OF PROPOSAL: REF: REW KP-I-221 Rev. A. Replace the Vertical Position and Temperature Control Assembly 531A716-005-103 with a Vertical Position Assembly 531A716-008-101. A Mod. No. will be assigned to the Recorder with this change.										
REASON FOR PROPOSAL: Temperature correction for optical focus not required. This change will improve the reliability of the Vertical Position Assembly by removing the excess circuitry.										
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
CP	ESTIMATED COST FOR KITS OR PARTS: N/A ADDITIONAL FUNDING REQUIRED:									
ITEMS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line. Production units S/N A7002-9 thru 19 and Prototype units 1-8 will be replaced.										
SAFETY <input type="checkbox"/>	MISSION EFFECT- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT AND BALANCE <input type="checkbox"/>	TOOLS AND SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTENANCE PROCEDURE <input checked="" type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTENANCE MANUAL <input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 30 min disassemble; 5 min. replace PC board; 1 hour test; 30 minutes assemble.										
SOURCE OF PARTS FOR KIT: GR			AVAILABILITY <u>6</u> WEEKS AFTER APPROVAL							
DISPOSITION OF SPARES AFFECTED: Spares to be replaced. PPB to be changed by STATINTL C/N to PSO.										
If <input type="checkbox"/>										

GA - 531		ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>		GR- 58	
DATE 26 January 1966		AFFECTS: GA 531		STATINTL	
NAME OF MAJOR COMPONENT Receiver		PART OR LOWEST SUBASSEMBLY I-F Amplifier		PART NO. MODEL OR TYPE 531A413-901-103(old) 531A413-901-105(new)	
TITLE OF PROPOSAL: ADD I-F LIMITING TO RECEIVER					
NATURE OF PROPOSAL: REF: REW KP-I-237 Change emitter resistor in I-F Amplifier #3 output stage from 2.0K 5% 1/4w to an 8.2K 5% 1/4w resistor. A Mod. Number will be assigned to the 531A400-001-109 Receiver.					
REASON FOR PROPOSAL: To reduce blooming of strong targets on map film and produce a better quality map.					
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:				
CP	ESTIMATED COST FOR KITS OR PARTS: N/A ADDITIONAL FUNDING REQUIRED:				
ITEMS AFFECTED BY PROPOSAL: Production Units S/N A4003-22 thru 31. Units 1 thru 21 to be retrofitted.					
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT AND BALANCE <input type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 45 minutes disassemble receiver, 45 min. rework I-F amplifier and 1 hr to Test. 1 hour to reassemble.					
SOURCE OF PARTS FOR KIT: GR			AVAILABILITY <u>4</u> WEEKS AFTER APPROVAL		
DISPOSITION OF SPARES AFFECTED: Spares to be reworked to latest configuration. PPB to be changed by C/N to PSO. STATINTL					
IN					